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<b>Form PTO-1449</b>	Serial Number 09/587,960	Docket PD-200086
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)	Applicant KAR W. YUNG ET AL.	
	Filing Date June 6, 2000	Group 2683

**U.S. PATENT DOCUMENTS**

	Document Number	Date	Name	Class	Sub Class
DCL	5,949,766	09/07/99	Ibanez-Meler, Rodrigo et al.		
DCL	6,151,308	11/21/00	Ibanez-Meler, Rodrigo et al.		

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Name	Class	Sub Class

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, etc.)

DCL	K. K. Chan, F. Maroux, M. Forest, L. Martins-Camelo, "A CIRCULARLY POLARIZED WAVEGUIDE ARRAY FOR LEO SATELLITE COMMUNICATIONS", pp. 164 - 167, IEEE 1999 AP-S International Symposium, June 1999
	M. Oodo, R. Miura, Y. Hase, "ONBOARD DBF ANTENNA FOR STRATOSPHERIC PLATFORM", pp. 126 - 129, IEEE Conference on Phased Array Systems and Technology, California, May 21-25, 2000
	Yokohama Research Park, "THE FIRST STRATOSPHERIC PLATFORM SYSTEMS WORKSHOP", pp 1 - 218, May 12-13, 1999
Examiner <i>Janh</i>	Date Considered 8/4/03

PTO-1449/Feb03

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Form PTO-1449	Serial Number 09/587,980	Docket PD-200066
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant KAR YUNG ET. AL.	
(Use several sheets if necessary)	Filing Date June 6, 2000	Group 2683

## U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
TL	2,470,787	05/24/49	Nosker	342	12
TL	3,720,953	03/13/73	Alioka	349	771
TL	4,695,063	01/06/87	Chang et al	342	380
TL	4,979,170	12/18/90	Gilhousen et al.	370	104.1
TL	5,017,927	05/21/91	Agrawal et. al	342	371
TL	5,077,662	12/31/91	Cheng et. al	342	368
TL	5,218,619	6/8/93	Dent	375	1
TL	5,550,809	6/27/96	Bottomley et. al	370	18
TL	5,555,257	9/10/96	Dent	370	85.1
TL	5,572,216	11/05/96	Weinberg et al.	342	357
TL	5,592,471	01/07/97	Briskman	455	62.3
TL	5,594,841	1/14/97	Dent	455	13.4
TL	5,612,701	03/18/97	Dikelman	342	354
TL	5,700,070	08/04/98	Natarajan et al.	342	354
TL	5,810,284	9/22/98	Hibbs et. al	244	13
TL	5,856,804	01/05/99	Turcotte et al.	342	371
TL	5,867,109	02/02/99	Wiedeman	340	827
TL	5,903,549	05/11/99	Von der Embse et. al	370	310
TL	5,909,480	6/1/99	Dent	375	200
TL	5,917,447	06/29/99	Wang et. al	342	383
TL	5,973,647	10/26/99	Barrett et. al	343	713
TL	6,111,542	08/29/00	Day et al.	342	368
TL	6,147,656	11/14/00	Higashi et. al	343	863

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
DCL	EP0882 416 A	11/16/85	LORAL QUALCOMM SATELLITE SERVICES, INC.	—	—

8/4/03 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner <i>Chang</i>	Data Considered	08/24/02

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